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## KOREAN PATENT ABSTRACTS

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(54) LCD

(57) Abstract:

PURPOSE: An LCD is provided to improve the contrast ratio of an OCB (optically compensated bend) mode LCD.

CONSTITUTION: The LCD, which displays by utilizing combination of a liquid crystal cell comprising a liquid crystal layer( 3) adjusted between a pair of substrates (1, 2) and a pair of phase compensation plates (4, 5) arranged on the outside of the liquid crystal layer (3), a wavelength dependence compensation plate (150) is arranged between the phase compensation plate (4) and a polarizing plate (11). In the OCB mode, by utilizing the wavelength dependence compensation plate of which the retardation increases/decreases with respect to the wavelength, the elevation of brightness in the case of a black display generated by the wavelength dependence of the liquid crystal layer and the optical retardation compensation plate is suppressed and the improvement of the contrast of the LCD is ensured.

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